

NAS 246

Introduction to AiVideos

Watch videos and stream digital TV
on your mobile device with AiVideos

ASUSTOR COLLEGE

COURSE OBJECTIVES

Upon completion of this course you should be able to:

1. Use AiVideos to watch videos from an ASUSTOR NAS
2. Use AiVideos to stream and watch digital TV

PREREQUISITES

Course Prerequisites:

NAS 136 Introduction to LooksGood

Students are expected to have a working knowledge of:

Smartphones or tablet computers

OUTLINE

1. Preparing Your NAS

1.1 Preparing your NAS

2. Installation and Connection

2.1 Install AiVideos from Google Play

2.2 Connecting to your NAS with AiVideos

3. Basic Overview and Real-Time TV Streaming

3.1 Basic overview

3.2 Streaming TV Programs

4. Browsing Video Information and Playback

4.1 Browsing video information

4.2 Adding recorded files to Favorites

4.3 Playing videos

4.4 Browsing media information

5. Other Settings

5.1 Search

5.2 Sort by

6. Notes

1. Preparing your NAS

1.1 Preparing your NAS

Please ensure the following before using AiVideo:

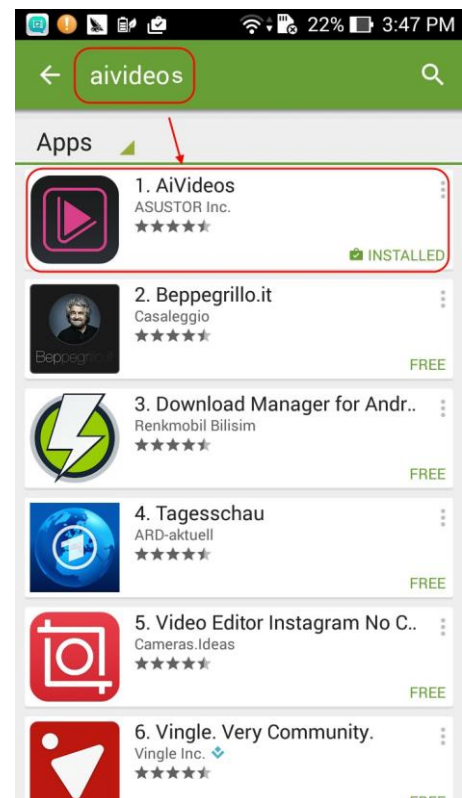
- ✓ LooksGood has been installed on the NAS
- ✓ If you wish to use TV streaming, please ensure that a TV dongle is installed on the NAS and has good reception
- ✓ MX Player has been installed on your mobile device
- ✓ If you want to play videos remotely, please make sure that you have opened and configured the appropriate ports for LooksGood.

2. Installation and Connection

2.1 Install AiVideos from Google Play

STEP 1

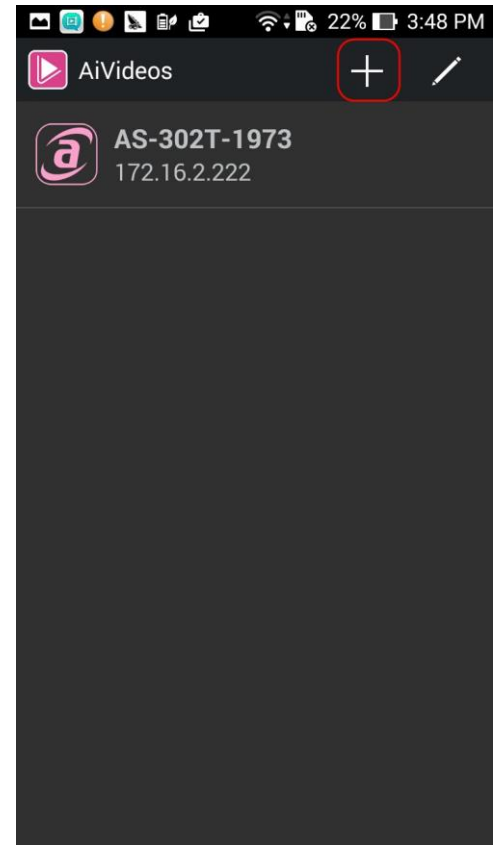
- ✓ Open Google Play
- ✓ Search for and install the AiVideos app



2.2 Connecting to your NAS with AiVideos

STEP 1

- ✓ Open AiVideos and select the [+] button.

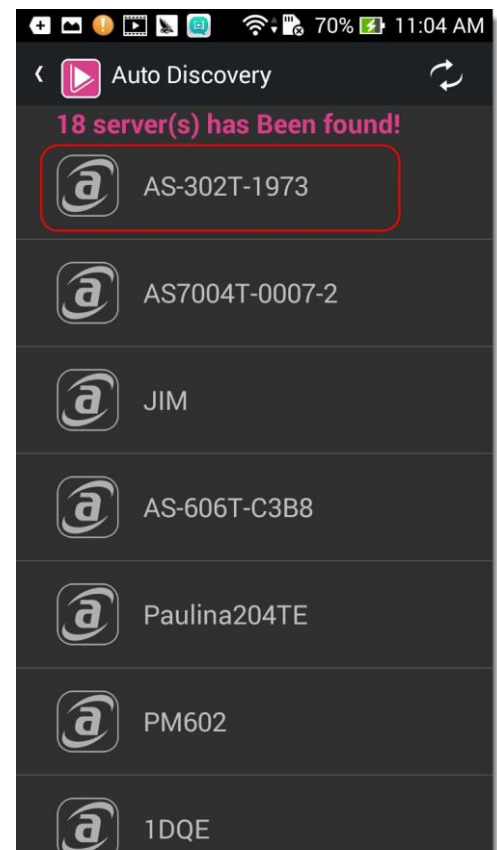


STEP 2

- ✓ AiVideos is able to connect to your NAS via 3 methods:
 - Connect via Cloud ID
 - Connect via Host/IP
 - Auto Discovery

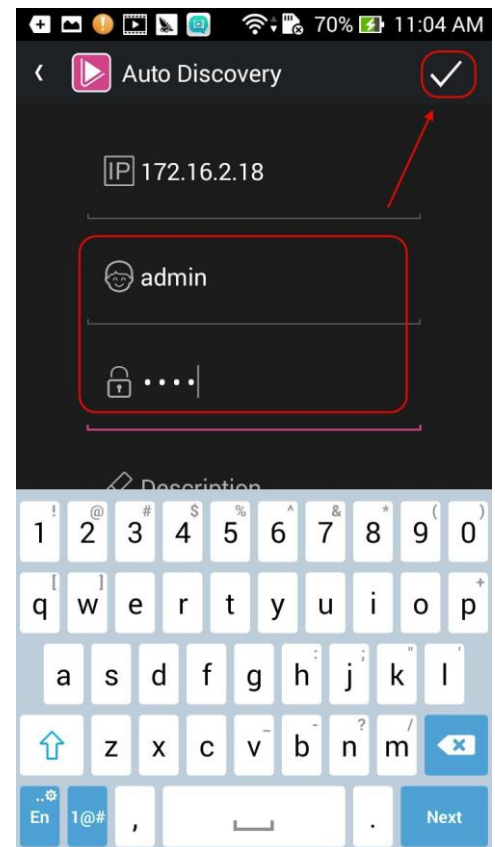
In our example, we will select the simplest method (Auto Discovery) to connect to a NAS.

- ✓ After selecting **[Auto Discovery]**, AiVideos will scan your Local network for ASUSTOR NAS devices.



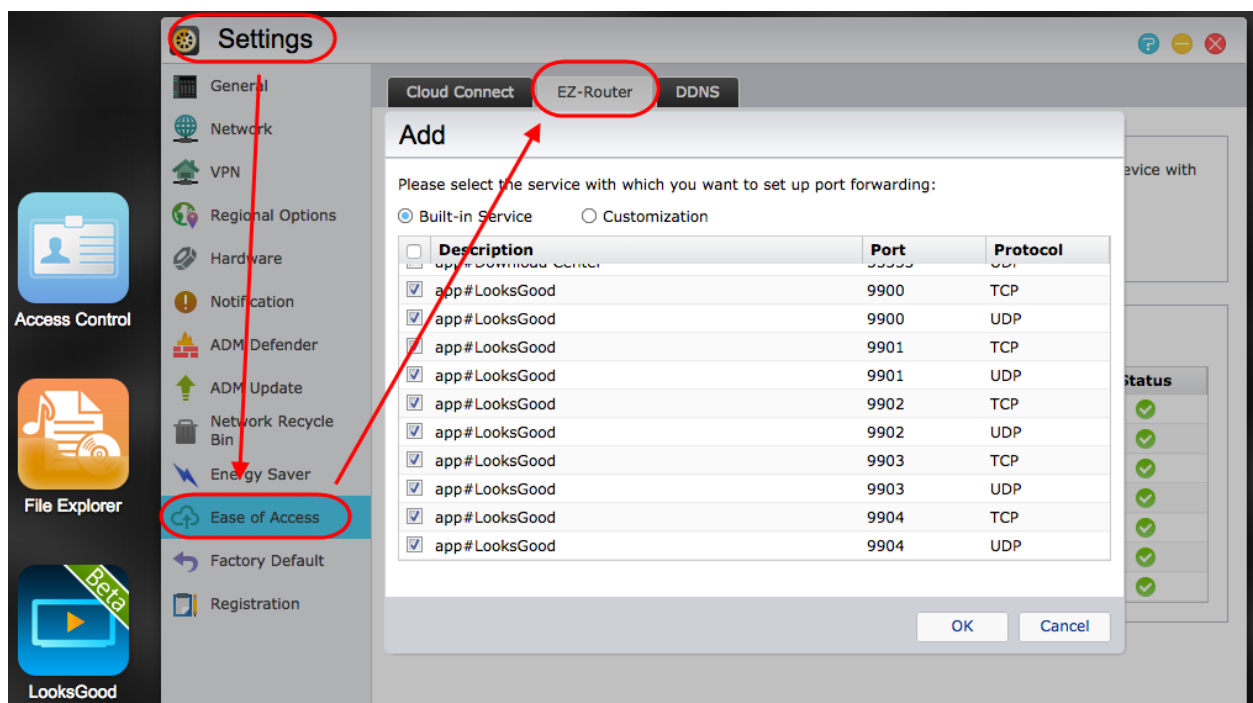
STEP 3

- ✓ Select the NAS that is found and then enter the username and password for it.
- ✓ Select the [V] button to connect to the NAS.



Note:

- ✓ In order to make the appropriate port configurations to stream videos remotely please select **[Settings] → [Ease of Access] → [EZ-Router]** from the ADM desktop. For more detailed information please see the Notes section of this document.

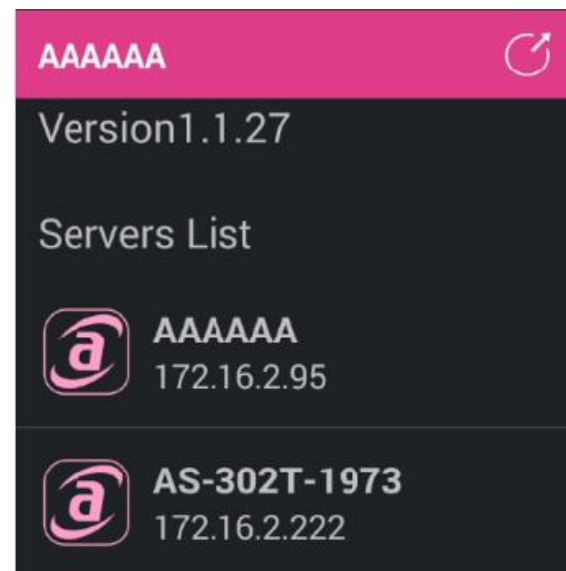
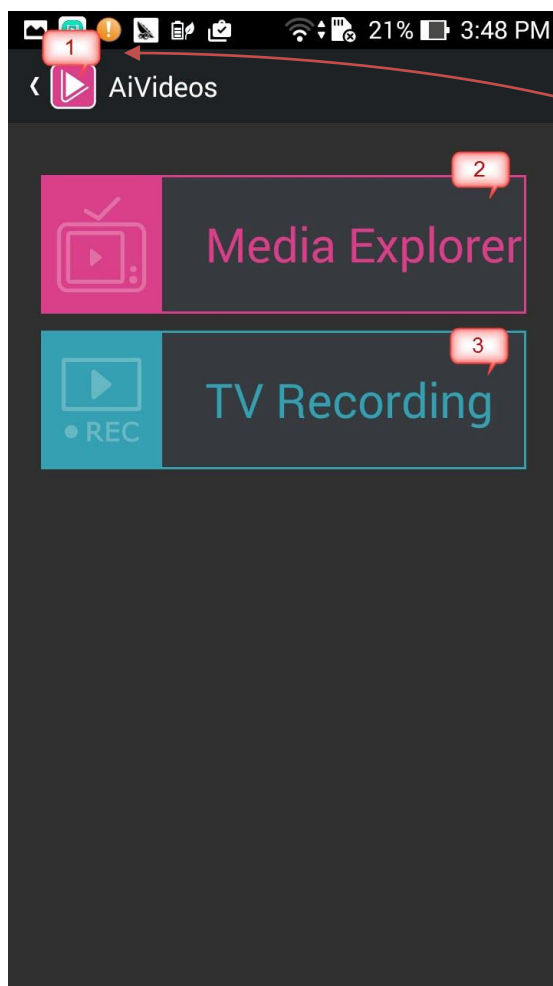


3. Basic Overview and Real-Time TV Streaming

3.1 Basic overview

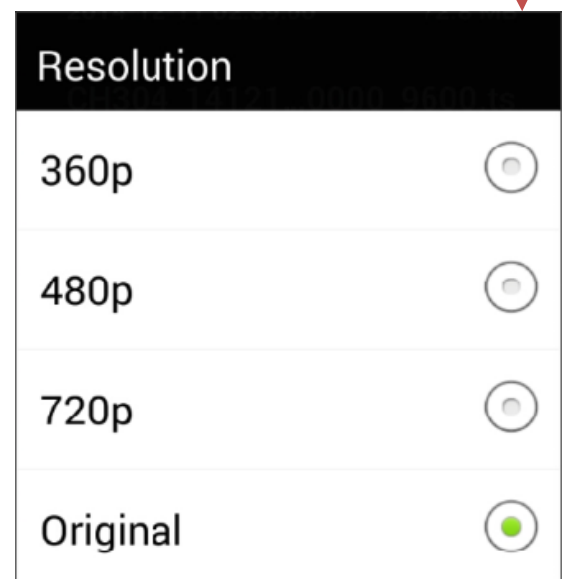
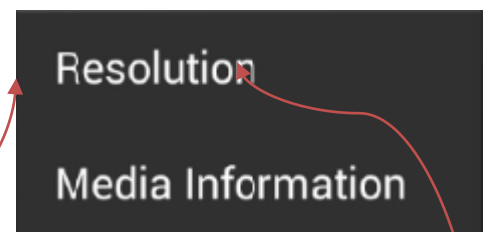
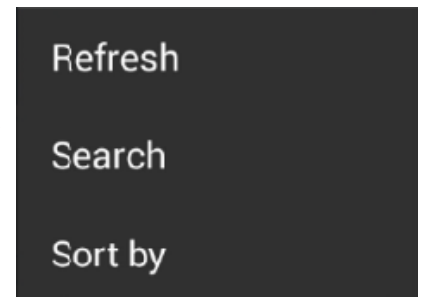
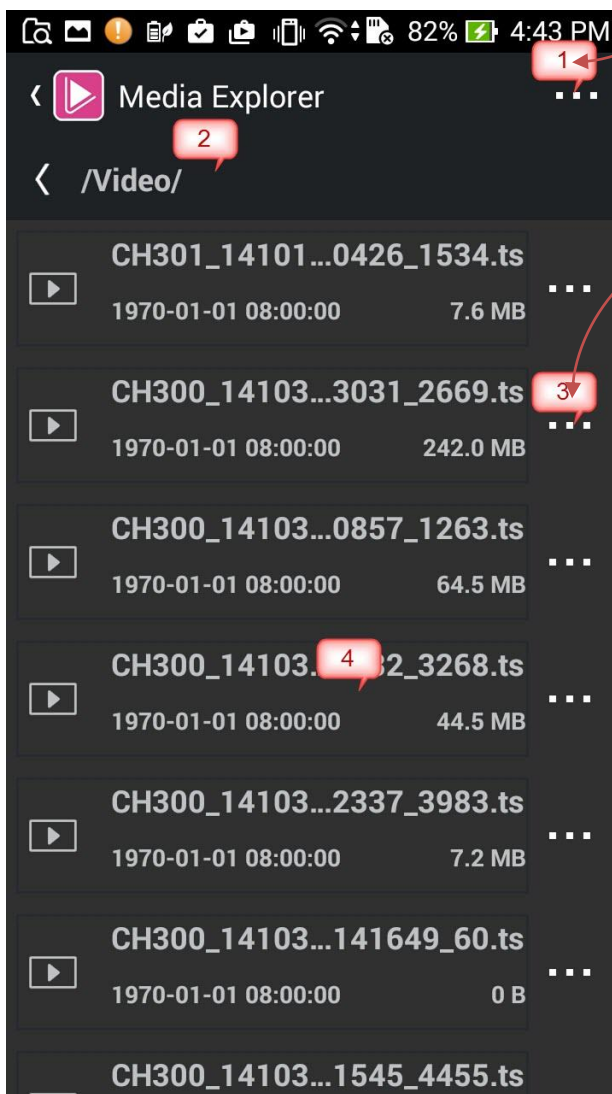
After connecting to your NAS with AiVideos you will see the screen in the graphic below. The basic functions available here are described as follows:

1. Connected server information, login/logout options and AiVideos version information.
2. Media Explorer: Uses a familiar file directory structure to display files allowing you to quickly find videos and images stored on your NAS.
3. TV Recordings: Play recorded digital TV files and stream digital TV



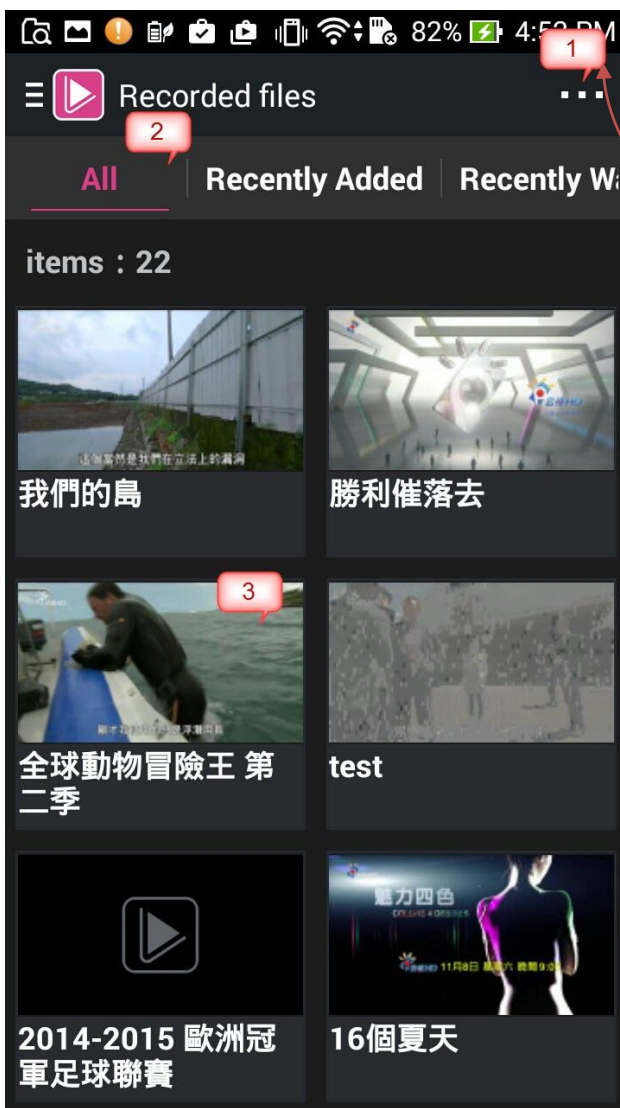
Basic functions for Media Explorer

- Interface functions:
 - ✓ Refresh
 - ✓ Keyword search
 - ✓ Sort by name, size, date added
- File path. You can select this to quickly change paths.
- Video functions:
 - ✓ Playback resolution selection (must be used with NAS hardware transcoding function)
 - ✓ Media information
- Select the file to play it



Basic functions for TV Recordings

1. Interface functions:
 - ✓ Refresh
 - ✓ Search
 - ✓ Sort by (name, date added)
 - ✓ TV program live stream
2. Basic video classification (can change by swiping and tapping)
 - ✓ Program name
 - ✓ Recently added
 - ✓ Recently watched
 - ✓ Favorites
3. Video thumbnail and name



Refresh

Search

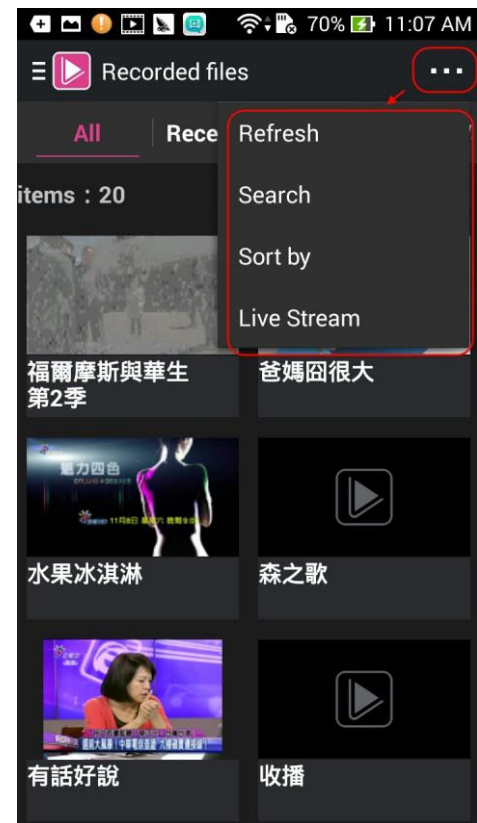
Sort by

Live Stream

3.2 Streaming TV programs

STEP 1

- ✓ Select [...] in the upper right-hand corner
- ✓ Select [Live Stream] from the drop down menu



STEP 2

- ✓ After the channel list appears, select the channel that you wish to view to begin streaming
- ✓ You can also select [>] to view the program guide for each individual channel



4. Browsing Video Information and Playback


4.1 Browsing video information

Detailed video information allows you to learn more about the video you want to play. You can browse the following information:

- ✓ Program name
- ✓ Recording start time
- ✓ TV channel name
- ✓ Length of recording
- ✓ Program description




4.2 Adding recorded files to Favorites

- ✓ Select the  button to add the recorded file to "Favorites" for convenient viewing at a later date.




4.3 Playing videos

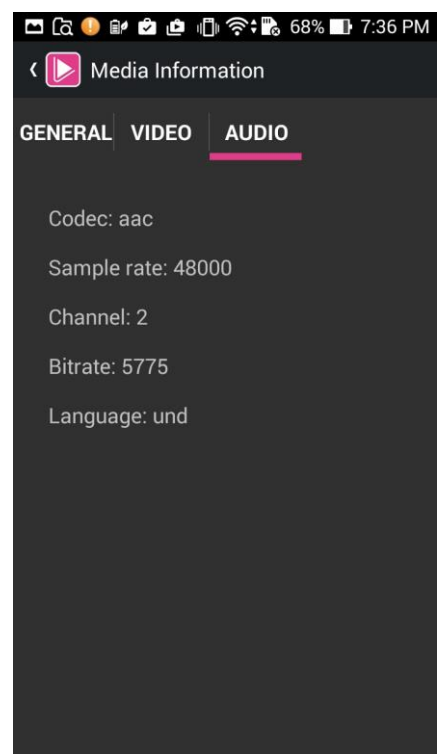
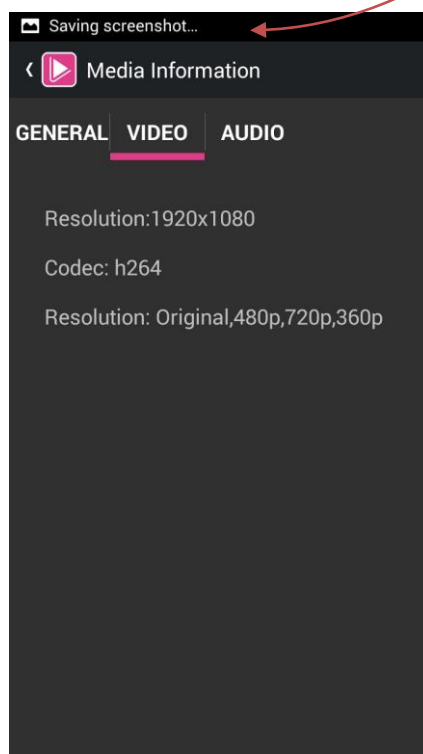
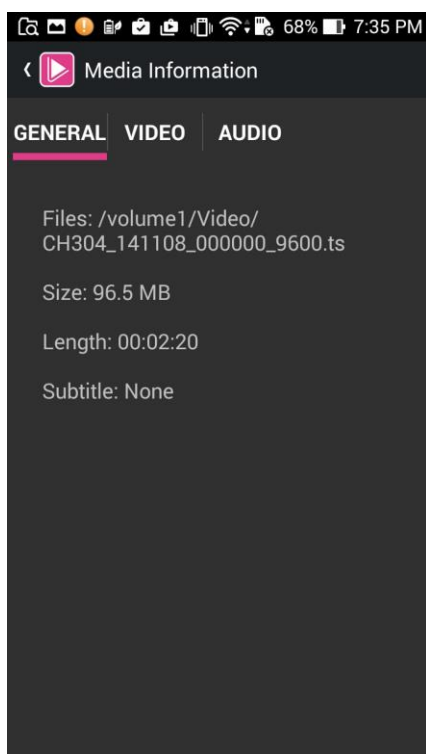
Select the  icon to play the video file



4.4 Browsing media information

Selecting the  icon will allow you to browse media information. Media information includes the following:

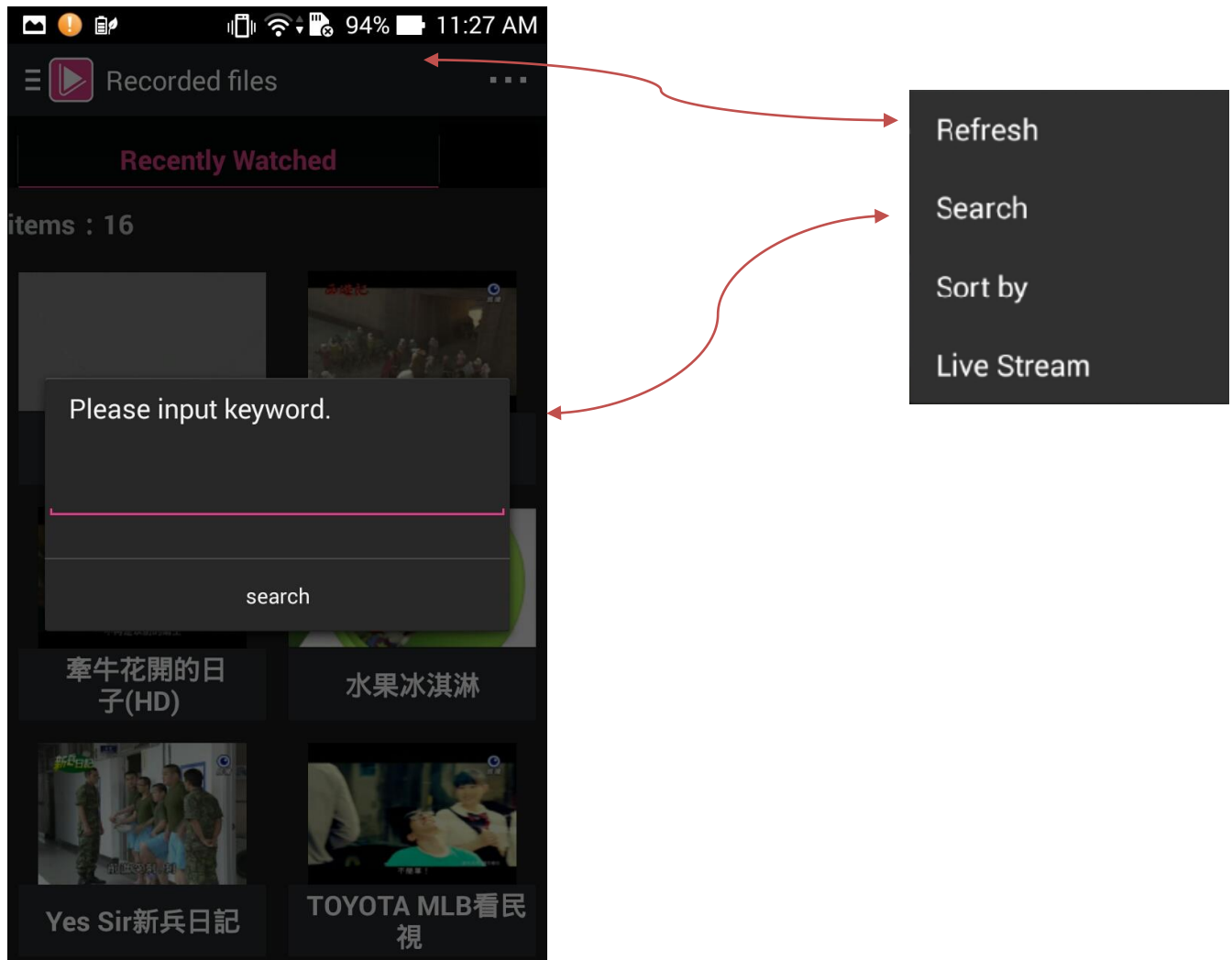
- ✓ Video file location
- ✓ File size
- ✓ Video length
- ✓ Subtitles
- ✓ Resolution
- ✓ Video codec
- ✓ Playable resolutions
- ✓ Audio codec
- ✓ Sample rate
- ✓ Supported audio channels
- ✓ Bitrate
- ✓ Audio language



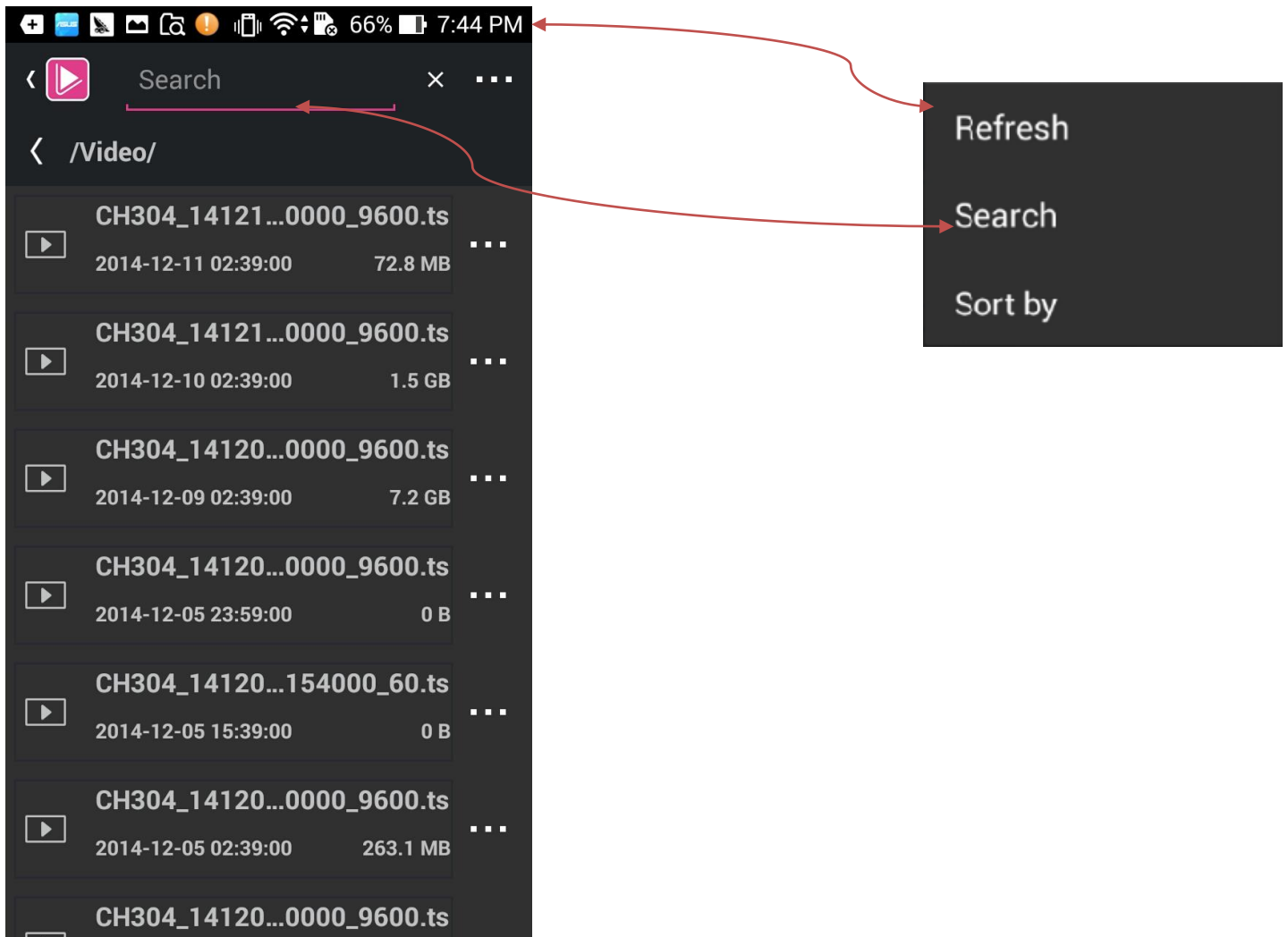
5. Other Settings

5.1 Search

Select **[Search]** and then enter keywords to search for programs



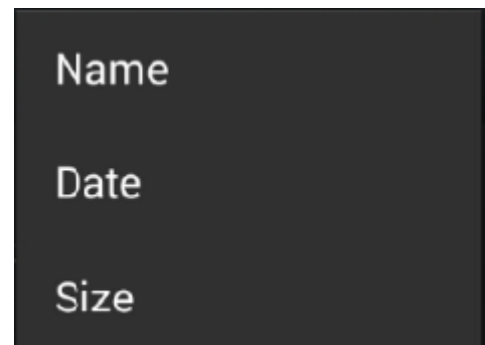
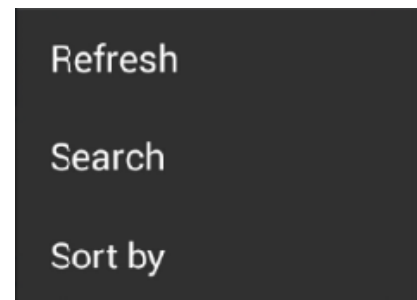
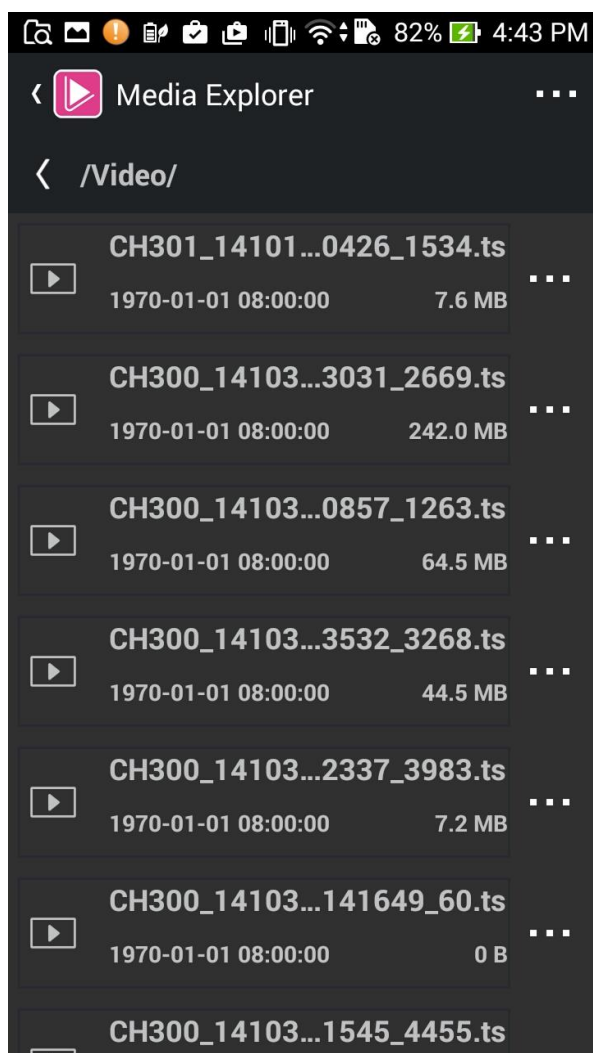
After opening a folder or category under the Media Explorer or TV Recordings functions, you can select **[Search]** to quickly find the videos that you want to play.



5.2 Sort by

After selecting **[Sort by]**, you can organize the way the files appear according to the following methods:

- ✓ File name A-Z
- ✓ File name Z-A
- ✓ Date added (latest to oldest)
- ✓ Date added (oldest to latest)



6. Notes

1. For optimal video playback quality, ASUSTOR recommends that you set MX Player as your default media player for use with AiVideos.
2. If you encounter problems or issues with sound while playing videos, please see: [NAS 247 Configuring AiVideos and MX Decoder](#)
3. Models currently supporting hardware transcoding: AS3 series (need to enable Media Mode)
4. An incompatible TV dongle or weak signal will affect the TV recording and streaming function. For a list of compatible TV dongles please see: <http://www.asustor.com/service/compatibility?lan=en>
5. The examples in this course were conducted from within a LAN environment. Users who wish to use AiVideos with their NAS from over the Internet should note the following:
 - ✓ Whether or not the NAS has a static WAN IP
 - ✓ Port forwarding has been configured correctly with the correct ports open
 - ✓ To help you understand how to remotely access your NAS from the Internet, please see: http://download.asustor.com/college/en/NAS_221_Remote_Access_Using_Cloud_Connect.pdf

EZ-Router WAN Connection Ports for LooksGood and AiVideo

Type	Port	Protocol
LooksGood	9900~9904,80 (Web Server Default)	TCP/UDP
AiVideo	9900	TCP/UDP